

## **Certificate of Course Completion**

## MUSHARAF MUBEEN .A

has successfully achieved student level credential for completing the CCNA: Switching, Routing, and Wireless Essentials course.

The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- · Configure redundancy on a switched network using STP and EtherChannel.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- · Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.





Lynn Bloomer

Director, Cisco Networking Academy